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Basic Imagery Interpretation Report



NATIONAL
PHOTOGRAPHIC
INTERPRETATION
CENTER

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PUMENCHENG ELINT FACILITY

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DEPLOYED COMM/ELEC/RADAR FACILITIES
CHINA

OCTOBER 1969

Declass Review by NIMA/DOD

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INSTALLATION OR ACTIVITY NAME

Pumencheng ELINT Facility

COUNTRY

CH

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UTM COORDINATES

NA

GEOGRAPHIC COORDINATES

27-19-10N 120-27-10E

MAP REFERENCE

US Air Target Chart, Series 200, Sheet M0499-2HL, 2d ed, Sep 67, scale 1:200,000 (SECRET/

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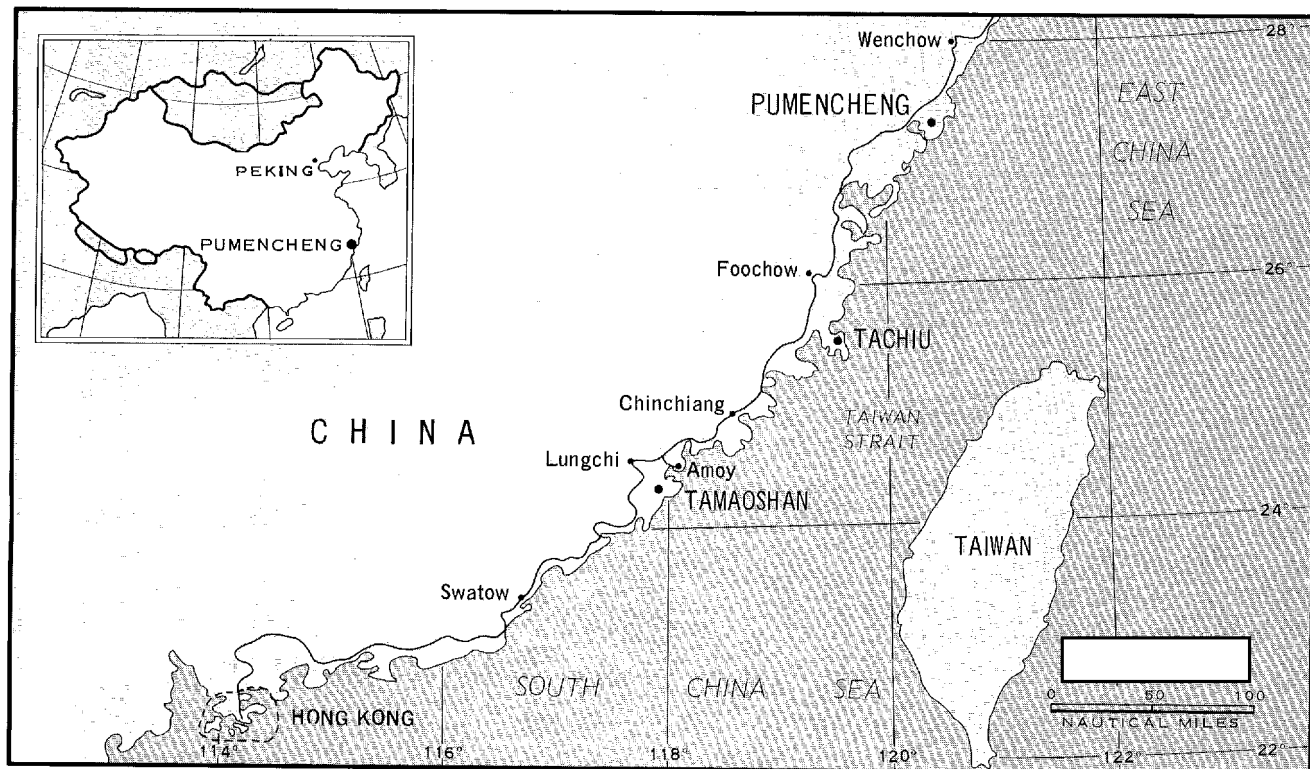
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NEGATION DATE (if required)

NA

ABSTRACT

This report provides a location map, mensuration and description of significant buildings, and an annotated photograph of the Pumencheng ELINT Facility. The facility contains 104 buildings and approximately 18 antennas which are oriented toward Taiwan. It is one of three known ELINT facilities on the China coast.



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FIGURE 1. LOCATION MAP

- 1 -

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INTRODUCTION

The Pumencheng ELINT Facility is located 5 nautical miles (nm) north-northwest of Pumencheng and 135 nm northwest of Taipei, Taiwan, on a 3,200-foot mountain (Figure 1). This facility is similar to two other known electronics intercept sites in China: Tachiu Electronic Intercept Site (25-25-00N 119-37-55E

25X1

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and Tamaoshan Suspect Intercept Site (24-19-30N 117-48-10E). The antennas at this facility are oriented toward Taiwan; however, the 135-nm distance would place Taiwan beyond line of sight intercept distance.

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BASIC DESCRIPTION

The Pumencheng ELINT Facility consists of 18 antennas, which appear to be either parabolic or cut parabolic types, predominately of a dish configuration. Terrain and interpretability of available photography preclude accurate individual measurements, but the antenna sizes range in diameter (Figure 1). There are approximately 104 buildings at the facility. A single-lane gravel road extends from the vicinity of Chiaotunmon approximately 12 nm to the northwest and terminates at the facility. There is no apparent physical security at the facility. There are, however, two six-gun light antiaircraft positions at the site and another six-gun light antiaircraft position located 0.6 nm southwest of the facility.

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Power for the facility is probably generated on site. No power trace is observed entering the facility. The Pumencheng ELINT Facility was first identified as an electronics intercept facility on photography and has apparently been unchanged except for minor construction through photography

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Table 1. Items at Pumencheng ELINT Facility

Item	Description	Dimensions (FT)	Item	Description	Dimensions (FT)
1	Support bldg		13	Barracks	
2	Barracks		14	Barracks	
3	Barracks		15	Barracks	
4	Barracks		16	Barracks	
5	Barracks		17	Motor pool	
6	Barracks		18	Motor pool	
7	Support bldg		19	Motor pool	
8	Support bldg		20	Support bldg	
9	Support bldg		21	Antenna bldg	
10	Support bldg		22	Support bldg	
11	Support bldg		23	Support bldg	
12	Support bldg		24	Support bldg	

25X1

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Table 1. Continued

Item	Description	Dimensions (FT)
63	Barracks	
64	Barracks	
65	Barracks	
66	Barracks	
67, 68	Barracks	
69	Support bldg	
70	Support bldg	
71	Support bldg	
72	Support bldg	
73	Antenna bldg	
74	Antenna bldg	
75	Support bldg	
76	Support bldg	
77	Support bldg	
78	Support bldg	
79	Support bldg	
80	Admin bldg	
81	Admin bldg	
82	Admin bldg	
83	Admin bldg	
84	Admin bldg	
85	Support bldg	
86	Support bldg	
87	Support bldg	
88	Support bldg	
89	Support bldg	
90	Barracks	
91	Barracks	
92	Barracks	
93, 94	Barracks	
95	Barracks	
96	Support bldg	
97	Support bldg	
98	Support bldg	
99	Support bldg	
100	Support bldg	
101	Support bldg	
102	Support bldg	
103	Support bldg	
104	Support bldg	

REFERENCES

MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet M0499-2 HL. 2d ed. Sep 67. scale 1:200,000
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REQUIREMENT

NPIC Project 220209

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